

TO: Distribution
 FROM: Gary C. Dixon
 DATE: December 5, 1976
 SUBJECT: Installation of MSS 29.3, 29.3a

I. SYSTEM CHANGE LOG

MCR MODIFICATIONS FOR MSS 29.3

- 2168 Recode cv_dec_ to use more efficient EIS instructions. Add cv_hex_ and cv_hex_check_ entry points.
- 2105 Fix bugs in disk rebuilder.
- 2107 Implement varying size hash tables and name hash threads for directories.
- 2175 When the MOS memory polling interval is set, log the interval change in the syserr log.

MCR MODIFICATIONS FOR 29.3a

- 2107 Fixed salvager problems: update VTOCE file map for directory which salvager has grown; rebuild link entries stored in a 38 word allocation whose target path is 45, 46, or 47 character long since a pathname this long will overwrite entry fields which follow the pathname.

II. SEGMENT CHANGE LOG

SEGMENT NAME	BOUND SEGMENT
active_hardcore_data.cds	R -
allocate_dir_h*_.pl1	A bound_file_system
append.pl1	R bound_file_system
chname.pl1	P bound_file_system
cv_dec_.pl1	R bound_sss_active_
disk_rebuild.pl1	R bound_salvager
hash.pl1	R bound_system_faults

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II. SEGMENT CHANGE LOG (continued)

SEGMENT NAME

BOUND SEGMENT

init_root_dir.pl1	R	bound_temp_2
mos_memory_check.pl1	R	bound_error_wired
on_line_salvager.pl1	R	bound_salvager
salv_activator.pl1	R	bound_salvager
salv_check_thread.pl1	R	bound_salvager
salv_rebuild_directory.pl1	R	bound_salvager
salvage_directory.pl1	R	bound_salvager
salvager.pl1	R	bound_salvager
sss_active_tv_.alm	D	bound_sss_active_
valldate_entryp.pl1	R	bound_system_faults

BIND SEGMENTS

bound_file_system.bind	R
bound_sss_active_.bind	R

INCLUDE SEGMENTS

ahd.incl.pl1	R
dir_header.incl.pl1	R
dir_ht.incl.pl1	R
dir_name.incl.pl1	R
fs_types.incl.pl1	R